



southern california dx club

June 2003

Len, W6AUG, is one of the most active members of the SCDXC. He is at the Top of the Honor Roll and still chasing the DX daily. He can be found on the low end of 40 CW engaged in a few early morning DX QSOs.

Not long ago Len decided to run up a score using vintage radios. Here he is seen with is "new" 1934 40 meter setup. The receiver is a National FB-7. This beauty is a hot plug-in coil superhet. The Transmitter is a WE GF-11. An early predecessor of the Command series. And yes, that is a real J-38 code key.

The antenna, not shown here, is a dipole.

(continued on p 3)



"Logbook of the World" LoTW

is opened for beta testing. It is now available to all who wish to participate in the 60 day beta testing program.

LoTW includes a huge repository of log data provided by operators--from individual DXers and contesters to major DXpeditions--and maintained by ARRL. The system provides quick QSO credit for ARRL awards. No hard-copy QSL cards will be required.

Visit the ARRL Logbook of the World Web site: <http://www.arrl.org/lotw> to learn more, download the necessary software and take part in the beta testing effort. LoTW will accept authenticated data--either in Cabrillo or ADIF format--directly from computerized logs via the Internet.

The DXCC desk is encouraging beta-test DXers and contesters to upload their log files--the bigger the better--to test the robustness of the software as well as to populate the database and create a more realistic environment. LoTW will find and match contacts between stations based on the log data submitted by users, and the results will appear on the Logbook of the World Web page.

Edgar, N6OU, is using the system. Here is what he has to say:

ARRL's Logbook of the World Beta Test Impressions from N6OU
Follow the instructions to the letter.(Repeat) Follow the instructions to the letter
I download and installed the software from the web-site without any problems. The fun started when I tried to upload a log file with about 7000 Qs, near the end of the uploading it produced a bunch of er-

(Continued on page 9)

Voice of the Veep

Another month has moved on by, talking of the word by, bye or buy! Yes, June 12 is upon us and it is Anchors away night. Neil won't be able to be our auctioneer this year, but Skip has proudly taken on this fine job. Drop him a line of the things you are bringing for sale, so he can be ready to auction them off.



We also still have some squares available for the FT857 raffle on June 21 at the picnic. Bring extra funds if you would like a chance at winning this fine mobile rig. Jim, N6DHz has it in his possession right now and is just itching' to try it out. On the subject of the picnic, please check out the website: www.scdxc.org for directions to the park, address will also be here in the newsletter. I am also going to have a "Best Tasting Side Dish" contest, so think about what you want to bring as the side dish. Our Chef Keith will have the honors of judging this grand picnic. Don't forget to bring your family and friends you never know who might want to join the club.

We have a few good speakers scheduled for the upcoming months (I hope I can hold on to them) HI HI. I can't promise that I won't throw in a surprise or two at the last minute, so join us.

Dayton was rainy, kinda warm and no, I didn't win any of the prizes, sorry! Dave Bell, Fried, Sandy, Red were there. Talked with Bernie W3UR, Marty OH2BH (Oh Harvey, Marty says to keep up the good work on the Newsletter he finds it great reading). Went to listen to--yes, Don Miller, he apologized to all the DXer's that he caused any hardships with. It was standing room only, lots of photos, a couple of questions and a possible DXpedition in the future. Carl went to listen to the kids talk of their start in Ham radio and we met a 10 year old y! who is an extra class with 92 countries confirmed. WOW, she has 40 cards still out there.

ROSTERS FOR 2003 will be available at the meeting. If you cannot attend, e mail K6YUI and he will send you a copy.

Next General Meeting

The SCDXC meets the second Thursday of the month. Our next meeting will be held June 12, 2003 at the Syd Kronenthal Park in Culver City. The park is located 4 blocks west of La Cienega Blvd. and 2 blocks south of Washington Blvd. From the 10 Freeway exit La Cienega south to Washington Blvd. Turn right (west) 4 blocks to McManus Ave (it's La Cienega Ave to the right, McManus to the left). Turn left (south) 2 blocks to the Park. The street dead-ends at the parking lot.

Please do not park in the school lot.

WE WILL HAVE OUR ANNUAL ANCHORS AWAY AUCTION

See ya there!

MEETING NOTES

de the secretary



I don't know about anyone else, but I had a fantastic time in Visalia.

My XYL, Linda, and I arrived Thursday and were immediately greeted by Wayne, W6IRD and his "Wild Woman" Sharon. We spent the better part of the afternoon sipping cold 807's and visiting with John, G3WGV of D68C fame.

John is a very interesting

and friendly person and if you ever have time to sit and chat, by all means do so. John also joined a group of DXer's for dinner that night including, Edgar, N6OU; Irene, KF6RNX; Skip, KJ6Y; Marilyn, N6GIL; Gene, WB6DBK; Marlene, WB6QFW; Wayne, W6IRD & Sharon XYL, my XYL, Linda, and me.

Friday can best be summarized as "visiting day". Most of the day was spent meeting new friends and getting reacquainted with old ones and, of course, buying raffle tickets. Dinner on Friday was quite an experience. Normally Steve, W6NRQ; Larry, K6YUI, Linda and I head off to downtown for a quiet dinner, but this year we were joined by Dale, KB7UB (from HRO); Dee, KC6TIO; Dan, N6PEQ; and Kristin, K6PEQ and Art, W6EA. This turned out to be anything but quiet and actually very educational. Unfortunately I can't mention most of the things I learned here, but I did keep notes for later use. I prefer that term instead of blackmail, don't you?

Saturday was spent talking to vendors and trying to figure out how I could get one of those 120ft US Towers, with a 2 element 40m on it, installed in my yard. I thoroughly enjoyed the AH3D presentation by Bernie, W3UR at the banquet. Linda and I were honored to be sitting at the table with Larry, K6YUI, the DXer of the Year and Bob "Bubba", W6ZPL, winner of the Clipperton award.

On Sunday, the tribute to Jim Maxwell, W6CF (sk) was excellent. (I agree with the sentiments expressed that all great DXer's are named Jim.)

I would also like to thank the Northern California DX Club for all their efforts and especially George,

W6YD for a job well done. Next year's convention is already in the planning stages. The dates will be April 23, 24, & 25, 2004. Keep an eye on the Visalia web page at www.scdxc.org/visalia for information and updates.

The June meeting will be our annual "Anchors Away" auction with Skip, KJ6Y handling the duties. So load up the truck and the wallet, and join us for some fun. June 21 will also be the annual SCDXC Picnic at Woodley Park.

We will have the usual raffle as well as the raffle board for a Yaesu FT-857. The spots are \$10.00ea and are going fast so be sure to see Cathy, K6VC at the June meeting to get your spots. Once again we would like to thank Ham Radio Outlet for their support of the SCDXC. Please visit the store nearest you and say "thank you!"

73 DE Jim, N6DHZ

W6AUG —from the front cover

Len enjoys helping other hams and building antennas and "stuff". An amazing amount of really very good parts, etc., can be found somewhere in a box in the garage. We know if it was put in one of those boxes, it is still there!

His current BIG project is the installation of a tower at his QTH.



This photo shows Len at the "main" station. That Heil Mike stand was made from a SCDXC plaque given for HIGH CLUB SCORE for 80 meters in the 1993 ARRL SSB contest. Len is very proud of being the only one in the club to submit a score!

And, for those who have asked, K9DOG, Len's partner on his daily morning walks, is named Belle. A beautiful WHITE Shepherd.

73

Ham Puzzle

By Milt, W6RJO

A DX Club "Holiday" Dinner

DX ham clubs throughout the US have had their December dinners at corresponding restaurants. The owner (a former ham) of one particular restaurant, which remains nameless, recently remarried. His new bride brought along some baggage - his new brother-in law, a bit fey, who fancies himself an accountant (creative). The owner buys into the following scheme concocted by his new "bro". The restaurant big room can be had for the club at \$25 apiece if the club member attendance meets his break even point. For each member that

shows up over the break even, they will knock off \$1.50 a head for everybody. It turned out that the total monies collected reached the maximum amount possible, which included the discount of course. The question is, what was the restaurateur's profit? Hint: Its bluntly simple, as his brother-in law's creative accounting idea almost provoked a divorce. Oh yes, The owner has applied for a new Ham license. (editors note) There will be TWO prizes given for this answer. One for the best method of solving the problem and one for the correct answer.



SCDXC PICNIC JUNE 21 11:30 - ???

"The grand day will be held at Woodley Park, Grove 1, in Van Nuys. From the south, exit the northbound 405 at Burbank. This is the first exit past the 101 Freeway. Turn left (west) onto Burbank and travel about 3/4 of a mile to Woodley Avenue. Turn right at the stoplight and go north about 3/4 of a mile. The entrance into the picnic area parking lot is just north of the entrance to the Donald C Tillman Water Reclamation Plant. The grove is on the east side of Woodley Avenue.

Propagation June 2003

by Shel, W6EL



These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during

the coming month.

Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 122, corresponding to a sunspot number of 78, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC.

Good luck and good DX from Shel, W6EL.

SV9 Crete - 6/1 to 6/10 -
Beam 30 degrees
Sunrise/sunset 0312/1726
20: 0030-0600.

6W Senegal - 6/7 to 6/9 -
Beam 71 degrees
Sunrise/sunset 0639/1927
80: Around 0530.
40: 0330-0630.
20: 0100-0800.
15: 2030-0500.

KH0 Mariana Islands -
6/4 to 6/15 -
Beam 285 degrees
Sunrise/sunset 1953/0842
80: 1130-1200.
40: 0930-1300.
20: 0400-0900, 1430-1500 and around 1630.

XW Laos - 6/6 to 6/23 -
Beam 316 degrees
Sunrise/sunset 2237/1140
40: Around 1230.
20: 1000-1500.
15: 0500-0730.

KP2 Virgin Islands -
6/12 to 6/19 - Beam 94 degrees

Sunrise/sunset 0948/2252
80: 0500-0900.
40: 0300-0930.
20: 0000-1200.
15: 1700-0500.

3V Tunisia - 6/23 to 7/4 -
Beam 40 degrees
Sunrise/sunset 0415/1831
20: 0130-0600.

CLUB HATS



Hats with the club patch are available for the meager price of ten dollars.

Check out the club webpage at:
<http://www.scdxc.org/logo.html>
for hats, patches, and club tee shirts.

THE WOODEN OIL DERRICK, FIELD DAY 1949

By K.C. Jones, W6OB Charter Member

The date was June 1949 and the location was the Hills of Dominguez just south of Compton Ca. The picture shows an old oil derrick, wood and in bad shape. The height was about 60 feet, and Lefty Harmon W6GHU was the first to climb the derrick with hammer in hand.

There was a big Ham Club in Compton in the 1940's and the 1950's. The Club was The Mid-Cities Amateur Radio Club, and it was loaded with super CW operators. So the Club decided to take part in the Field Day contest. Plans were made and we got all set up with about 8 transmitters, long wires on 80 and 40 meters. We had a super V Beam for 20 that opened up the 20 meter band on Sunday afternoon.

We did pretty good for a first attempt and came in about third place. We made some changes and in 1950, 1951, 1952, we came in first for the world. Again, we had 8 transmitters and long wire antennas. We used George Sinclair's call W6GAL. Scotts Radio of Long Beach fed us well in all of the events and Evelyn Scott W6NZP spent time operating one of the transmitters. Steve Stambuk, W6MEN handled the mass of paper work and the news paper articles.

We sent many pictures to ARRL for these wins and NOTHING was ever published in QST. I know why now. We were west of the Mississippi River and every thing west of the Mississippi in those days was Waste Land and Indians. The three year winning streak had never been accomplished before or since our BIG win. Over half of the Hams in the picture are now SK's. If you notice many SCDXC members are shown: SK's are Wendell, W6FSJ; George, W6GAL; Don, W6JZP (W6WE); Bob, W6LEE; Norm, W6NNV; Gene, W6PUY (K6OJ); Dick, W6BPD; Victor, W6DUC. Other members KC, W6RLN (now W6OB); Gene, W6TZD.

There is a lot of detail lost due to the fact that it all happened 54 years ago. One very active member not shown in the picture is W6MUB (now W6EA) none other than Art Enockson, a Charter Member of the SCDXC. Looking back on it now, this whole activity was really kicked off by George, W6GAL and Bob, W6LEE both were active members of the Compton Gashouse Gang! There were others involved, but participation the event was a thought of by George, W6GAL and that is why we used his call sign.

Sincerely,



Top Row L. To R.: W6MND, W6JZP, W6PUY, W6WJW, W6YJD, W6WBI, W6WKP, W6CBW, W6GHU, W6UQQ, W6VAW, W6GFU

Middle Row: W6MEN, W6MSV, W6LEE, W6RLN, W6TZX, W6DUC, W6FSJ, W6BPD, W6HJT, W6TZD, W6CUO, W6NNV, W6TSW, W6DYH.

Kneeling: W6DCB, W6SAM, W6FHE, W6GAL.

Photo by Bill Martin, W6PLK (SK)



K. C. Jones, W6OB (ex W6RLN, K6PE)
371 Entities; 5 band DXCC; WAZ #111 dated 3/49.
e-mail w6ob@scdxc.org



Driver's view of the trail through three magnetic loops pickups.



Three weasels stopped at mile 60 to take impedance measurements on the wires. Note the steel barrel and flag that marks a safe crevasse crossing point.



Repairing a break in the wire at a depth of about 10 feet,

The World's Longest and Highest Long-Wire

or

Three Months Without a Bath

De Chuck, KN6H

This title, used many times during slide shows, usually provokes the question, "Oh, yeah? How high? How long?" Would you believe 220 *miles* long and 2 *miles* high? Unbelievable? Just keep reading....

Let's first set the scene. It was the height of the cold war. Both the Soviets and the US were building fleets of long-range bombers. Interceptor bases sprang up across the US and Canada. Nike missile sites encircled cities and military posts. World tensions were never higher.

Thule Air Base in Greenland at 77 degrees north housed Strategic Air Command bombers poised for quick over-the-pole strikes against the Soviets. As a defensive measure, the Army was asked to investigate establishing bases on the Greenland Ice Cap. Could it be done? Could troops be housed, equipped, supplied for long periods of time hundreds of miles out on the ice?

Site II, an experimental cluster of fabric Quonset huts and a steel-mat runway was constructed some 220 miles from Thule on the ice cap. A trail was established up the edge of the ice cap through 90 miles of snow-covered crevasses and thence to Site II. Along this trail supply trains pulled by D-8 caterpillar tractors ground along around the clock at a steady 3-4 mph hauling 10-ton sledges of fuel and supplies.

Problems were many. Crevasses as old as the last ice age lurked beneath bridges of snow. Shaped like the letter A, they could easily swallow an entire cat train should one wander off the trail and break through the snow bridge. Whiteouts were common, a sort of frozen fog that was like being inside a bottle of milk. You literally could not see your hand at the end of your arm. And finally was the perpetual darkness of winter.

Whiteouts, crevasses and blackness. Could something be done to improve safety for these cat trains? Could we devise a reliable all-weather navigation system, especially through the most treacherous 90 miles of crevasses? Any sort of RF radiation, however, was not allowed lest a potential enemy follow the trail right to Thule.

During the summer of '55 a few ideas were tried. Battery-powered flashing lights on sawhorses were set along the trail, but batteries quickly froze. Radioactive pellets were dropped on the snow, but quickly began sinking. It was finally decided to try ordinary house wire laid on each side of the 75-ft-wide trail. With 60-Hz current pumped down the wires, a magnetic field would be established that could be useful for guidance.

This latter idea showed great promise, although the wires sank, became frozen in the ice and eventually pulled apart as the ice

moved. A short trail of 13 miles was constructed and proved useful in spite of these drawbacks.

The following summer the wire trail was extended the entire 220-mile length, breaks were repaired that had occurred in the first 13-mile segment and D-8 cats were equipped with trail-following loops and driver display equipment. We also designed an audio communication system that would allow the base station to call a vehicle over the wires. After receiving a call, the vehicle would pull over to a call box (spaced every mile or so), plug in and talk back to the base station. This system worked reasonably well for the first 60-90 miles, but the capacitance between the wires tended to distort and attenuate audio at greater distances.

During this second summer, it occurred to me what a fantastic ham antenna this 220-mile wire would make. Lying on snow over 10,000 feet thick was virtually like being in 2 miles of free space. Overcome by temptation, a couple of radios were requisitioned from the army including a BC-348 receiver and a low power vacuum tube transmitter.

Surreptitiously, when no vehicles were on the trail, one of the wires was connected to the transmitter and a tentative CQ on 75 meters resulted in a swarm of Scandinavian stations, all well over S9 wondering who I was and what was going on. Since I hadn't bothered to obtain an OX license or operating permission, QSO's were kept short, but it was great fun and I'll always cherish the experience.



Driver's instrument panel. "POSITION" indicates where he is between the two wires and "HEADING" indicates his direction, parallel to the two wires or across them at an angle. If he crosses a wire or loses the signal, a light and audible alarm will sound.

The terminal base station at mile 4, "home" for 3 months. Questions that usually arise during my slide presentations:

Q. How were the wire breaks located and repaired since no current was flowing?

A. A hand-held high-gain audio amplifier was used to listen to the 60-Hz buzz from the electric field of the voltage on the wire. With a bit of practice, breaks could be located to within a few inches. The wire was then exposed by digging down to it and a new section spliced in. Working from the terminal end out, each break was thus located until all were repaired.

Q. Didn't the wire sink?

A. The sinking seemed to be about 10 feet per year. Useful life was judged to be about 3 years or 30 feet. At that depth the magnetic field would be too weak and digging down to repair breaks too difficult. New wires would have to be installed.

Q. How long was this project and how did you live?

A. The second summer extended from mid-June to the end of August when severe storms prevented any further work. We lived in a wooden boxcar-like structure called a wannigan, ate C rations and melted snow for water, only enough for drinking and brushing teeth. No baths, haircuts or shaving for the entire period.

Q. What was the weather like?

A. Surprisingly comfortable, at least through July. Temperature in the 40's with the sun up 24-hours, circling clockwise slightly above the horizon (north at midnight, south at noon, east at 6:00am, west at 6:00pm. You could tell compass points from a good watch, or tell time from a good compass). By early August, storms were raging every few days and by late August we were only getting out about once a week. It was time to head home.

Q. How did you sleep with no darkness?

A. After a couple of days, you were tired enough and it didn't matter. I recall WWII newsreels of exhausted GI's sleeping on rubble. I know the feeling – it can be done.

However, as we returned home, we flew south into night and every one of us had his nose pressed to the aircraft windows, absolutely enraptured as we watched the sun go down and the stars come out. The feeling was indescribable. I never thought I'd miss night so much.

Q. Ever had an urge to do it again?

A. You bet! In an instant! I'd also like to try the Antarctic sometime.

**C U
@ the
SCDXC SUMMER PICNIC**

More about AH3D

(ed note: Martii, OH2BH, gave us permission to reprint the text that appears on the QSL card for AH3D that tells a bit of the history of the island.)

SOUTH PACIFIC ISLANDS PROVIDE MYSTERIOUS VA- RIETY

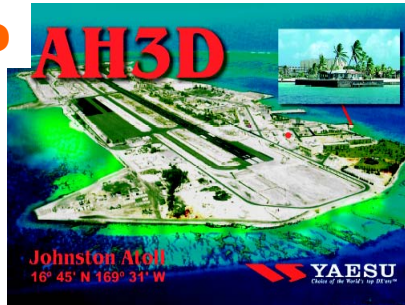
Once upon a time, this small DXCC country measured only sixty (60) acres of land and probably went unnoticed in regard of any minimum size rules. Adding to its original size was a project that had probably created the most expensive piece of real estate in the United States.

The current man-made land of some 670 acres with a paved runway of almost two miles makes Johnston one of the most exotic atolls in the whole world. Until very recently, entry was heavily restricted, and those arriving were assigned a protective gas mask.

The property where Uncle Sam had originally mined guano deposits right up to the early 1900's was turned over to the U.S. Navy in 1934, with the U. S. Air Force ultimately assuming control in 1948. The atoll was used for high altitude nuclear tests in the Fifties and Sixties, and in late 2000 it maintained a storage and disposal site for Southeast Asia originated chemical weapons from WWII. Munitions destruction is now complete, with cleanup and closure of the facility presently underway.

The AH3D operation coincided with these cleanup activities.

It was the building No. 30 that housed the Amateur Radio and



MARS club station KJ6BZ from where each and every Johnston Atoll QSO had been handed out. At this time, AH3D was the last one, just days before the building's demolition. The station not only provided multiple operating facilities but also three tall wooden antenna poles with large beam antennas.

With the help of many individuals, including Base Commander Colonel Bridges and others, a three-man tag team was there to put AH3D on the air, write the closing chapter and take those final pictures before the entire land was handed over to the United States Fish and Wildlife Service. Soon boobies, monk seals and a variety of other species will reside permanently on Johnston. Industrial noise will be gone along with some 1,000 personnel, leaving behind only sounds of the wildlife while turning Johnston back to Mother Nature.

The AH3D team had to move there light and fast, report in Honolulu, Hawaii for the final 720 mile flight, put three stations on for six days and clean up the bands. A total of 28,804 QSOs included 11,506 individual hams from all parts of the world as part of the farewell activities. Low bands were partially wiped out by heavy industrial noise - no wonder since AH3D was located next to a huge power source of six 25,000 kW diesel generators, making this the most powerful DXpedition of all time.



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Picture of Art at my son's MBA party. He had a 40 meter sched with his friends at 2:30 Sunday. That is my station he is operating. He just got out of the hospital after a two day stay. My youngest son Matthew David Simmons received his MBA from USC May 16th. Tony K6FR, Wayne W6IRD, Paul K6SB, and Matt's OM Sanford W6YY. Sanford



Here is a picture of Tony at the party.

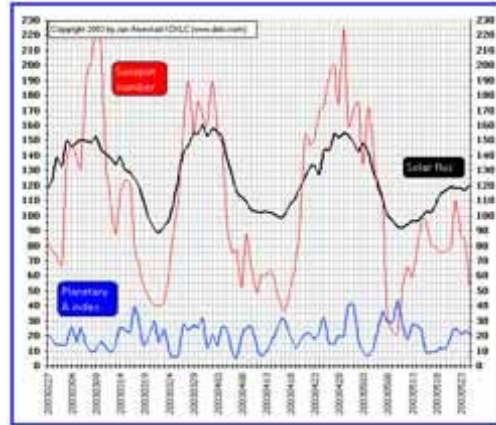
Log Book of the World

(Continued from page 2)

rors and then aborted. It took a query to the beta test site to find out that my software had a field length of 4 for the MODE field so even when I changed PSK3 to PSK31 it uploaded as PSK3 and produced an error for each PSK QSO. It was frustrating because I could see the PSK31 entered into the mode field. I posted the cure on the logging software mailing list which caused much more discussion. The cure was easy enuf, just do a find and replace the appropriate fields with the correct information. The Phone, AM, FM, SSB, CW and RTTY logs needed no massaging and just uploaded fine. Surprise!!!! the first day it showed my P5 QSO confirmed. I uploaded about 8879 Qs on the 17th of Apr and today there are 75 confirmed Qs. Every day the confirmed number increases as more people upload their logs. You can upload a single QSO if that's all you want to input. Imagine working the last country for 5 Band DXCC and having the other station upload the QSO and you do the same and instant League credit for awards. That's fantastic. I don't see this replacing the old pasteboards. Those Beautiful IOTA & DXpedition cards still give a warm feeling when looking at them long after the QSOs are past. Even the hand scrawled slip of paper with the appropriate QSL information with all that was necessary elicits the same warm feelings. They are just something to refresh the memory and to show to the deserving and enlightened. As for LoTW looks like it is here to stay. Play with the Beta version and you will be ready for the real thing. BTW is does not have a Satellite mode recognized in the beta version. It's only available for about 60 days then they will wipe the servers clean and start with the official Logbook of the World. Are you in the log ? didididahdidah N6OU

BIG RAFFLE AT PICNIC

Remember that the picnic will feature the usual raffle as well as the raffle board for a Yaesu FT-857. The spots on the board are \$10.00 ea and are going fast. Spots can be bought at the June meeting from Cathy or by mail on a first come first serve basis by sending your check to Paul Lawrence, N6AV; 2986 Haddington Dr., Los Angeles, CA 90064. Spot must be paid for prior to the raffle. Any spots not paid for will be auctioned off at the picnic



Solar Cycle Data —

Ah so that's why the bands are dead!



SCDXC DXer of the Year and Clipperton Award Winners at the Visalia Convention.



Who We Are

The SCDXC Newsletter is published monthly by the Southern California DX Club and is e-mailed to all club members.

Please notify the editor if you do not receive your newsletter, have a change of address, or have found an error.

Please direct all submissions to the editor.

The SCDXC generally permits re-use of any article in the Newsletter as long as the newsletter and the article's author are credited. However, some articles may be copyrighted by the author. Please contact the editor.

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K6YUI

The YUI-Switch is a heavy duty remote (indoor) coax switch with relays that will handle "full legal limit" power. The YUI-Switch has six positions with fail-safe to a dummy load. All the feed lines are routed to the switch box, which can be mounted on the wall or under the operating console. Only the control head is placed on the operators console. If the power fails to the YUI-Switch the relays fail-safe to the dummy load. The dummy load can also be selected with a flip of the power switch for tuning.

The YUI-Switch requires 12vdc @ 250ma control voltage.

The YUI-Switch comes complete with switchbox, control head, 10ft control cable, and 10ft power cable.

Cost: \$150.00 ea plus shipping.
To order, or for more information, contact:
Larry Mallek, K6YUI at k6yui@scdxc.org



SPOTTING DERBY ___ Due to the recent changes in the packet system the logging files used to generate the scores for the derby are no longer available.

If we can get a programmer to capture the spots and generate a logging file the derby will come back. So far, no one has come forward to tackle this task. Thus the derby is no longer.

MEMBERSHIP APPLICATION, New or Renewal

Return to club treasurer: Paul Lawrence, N6AV, 2986 Haddington Drive Los Angeles CA 90064

CALL _____ NAME _____ DATE _____

MAILING ADDRESS _____

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